



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Johan Auwerx *et al.* Art Unit : 1636  
Serial No. : 09/463,542 Examiner : Maria Marvich  
Filed : December 11, 2002 Conf. No. : 6461  
Cust. No. : 20985  
Title : HUMAN PEROXISOME PROLIFERATOR ACTIVATED RECEPTOR  
GAMMA (PPARY) GENE REGULATORY SEQUENCES AND USES  
THEREOF

**Mail Stop Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL LETTER**

Dear Sir:

Transmitted herewith are an Information Disclosure Statement, Forms PTO-1449 (9 pages), cited references, a check in the amount of \$180 and return postcard for filing in connection with the above-identified application. If no proper payment is enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal, or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 06-1050 as stated below:

☒ The Commissioner is hereby authorized to charge any fees that may be due in connection with this paper or with this application during its entire pendency to Deposit Account No. 06-1050. A duplicate of this sheet is enclosed.

Respectfully submitted,

Stephanie Seidman  
Reg. No. 33,779

**Dated: June 16, 2005**  
Attorney Docket No. 18202-033US1 / 1051US  
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THE UNITED STATES PATENT AND TRADEMARK OFFICE

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**INFORMATION DISCLOSURE STATEMENT IN**  
**ACCORDANCE WITH 37 C.F.R. §§1.97-1.98**

Dear Sir:

Because this Information Disclosure Statement is after receipt of a first Office Action on the Merits of the above-captioned application, the filing fee of \$180 is enclosed. If no proper payment is enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal, or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 06-1050.

In accordance with the duty of disclosure imposed by 37 C.F.R. §1.56 to inform the Patent Office of all information known by Applicant or Applicant's representative that may be material to the examination of the subject application, Applicant's representative hereby provides this Information Disclosure Statement that is prepared in accordance with 37 C.F.R. §§1.97-1.98. Form PTO-1449 (9 pages) and copies of the cited non-U.S. patent documents (4 bound volumes) are provided herewith in connection with the above-captioned application.

The documents listed on the Form PTO-1449 are in the English language. Hence, in accordance with the requirements of 37 C.F.R. §1.98, as amended effective March 16, 1992, no further explanation of the listed item is necessary.

Applicant also makes known to the Examiner the following pending U.S. and International Applications that have one or more common inventors and/or are commonly owned:

<b><u>Docket No.</u></b>	<b><u>U.S.S.N.</u></b>	<b><u>Filed</u></b>	<b><u>Publ. No.</u></b>
002007 / 1002F	08/141,246	10/22/93	n/a
002009 / 1002H	08/141,496	10/22/93	n/a
004002 / 1026B	08/484,487	06/07/95	n/a
009001 / 1042	08/883,115	06/26/97	n/a
046003 / 1057C	09/866,025	05/25/01	n/a
002016 / 1002O	09/989,710	11/19/01	n/a
018001 / 1082	10/080,503	02/22/02	2002-0183314
017001 / 1081	10/080,926	02/22/02	2002-0183346
051RI1 / 1814RI	10/211,969	08/01/02	n/a
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013002 / 1062B	10/238,363	09/09/02	2003-0186970
015002 / 1073B	10/299,909	11/18/02	2003-0130505
014002 / 1066B	10/329,307	12/23/02	2003-0149268
005003 / 1028C	10/360,580	02/05/03	2004-0019072
048001 / 1087	10/684,212	10/10/03	2004-0152717
057001 / 1091	10/684,227	10/10/03	2004-0147530
020001 / 1088	10/684,229	10/10/03	2004-0152718
004003 / 1026C	10/847,732	05/17/04	2004-0209839

<b><u>Docket No.</u></b>	<b><u>Intl. No.</u></b>	<b><u>Filed</u></b>	<b><u>Publ. No.</u></b>
028WO1 / 1112PC	PCT/US2005/07867	3/11/04	n/a
030WO1 / 1111PC	PCT/US2004/027483	8/23/04	2005/018573
027WO1 / 1110PC	PCT/US2005/06627	2/24/05	n/a

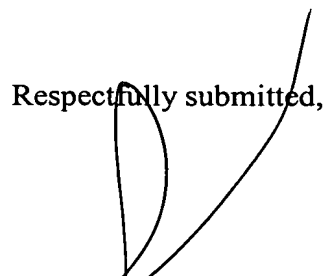
Although these documents are made known to the Patent and Trademark Office in compliance with Applicant's duty of disclosure, such disclosure is not to be construed as an admission by Applicant or Applicant's representative that any of the references is effective as prior art against the subject application. In accordance with 37 C.F.R. 1.97(h), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. 1.56(b) exists.

Applicant : Johan Auwerx et al.  
Serial No. : 09/463,542  
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Information Disclosure Statement  
Page : 3 of 3

Attorney's Docket No.: 18202-033US1 / 1051US

Applicant respectfully requests that the Examiner review the foregoing references and make them of record in the file history of the above-captioned application.

Respectfully submitted,



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Stephanie Seidman  
Reg. No. 33,779

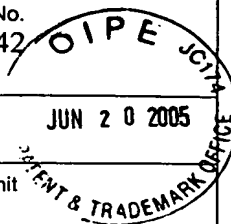
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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 18202-033US1/1051US	Application No. 09/463,542
<b>List of Patents and Publications for Applicant's Information Disclosure Statement</b>  (37 CFR §1.98(b))		Applicant Johan Auwerx et al.	
		Filing Date December 11, 2002	Group Art Unit 1636




### U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	2002/0144302	10/03/02	Mahfoudl	800	21	11/06/97
	AB	2002/0193291	12/19/02	Heyman et al.	514	3	05/07/01
	AC	2003/0104975	06/05/03	Auwerx et al.	514	1	06/14/02
	AD	2004/0019090	01/29/04	Brooks et al.	514	365	05/07/03
	AE	2004/0082623	04/29/04	Rochhi et al.	514	357	06/28/01
	AF	2004/0171689	09/02/04	Desreumaux et al.	514	559	04/04/02
	AG	4,945,050	07/31/90	Sanford et al.	435	459	11/13/84
	AH	5,498,696	03/12/96	Briggs et al.	530	350	05/13/93
	AI	5,527,690	06/18/96	Goldstein et al.	435	69.1	10/01/93
	AJ	5,683,880	11/04/97	Kamb	435	6	07/07/95
	AK	5,686,596	11/11/97	Mukherjee	536	23.5	06/02/95
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	AN	5,780,676	07/14/98	Boehm et al.	562	490	06/07/95
	AO	5,814,517	09/29/98	Seidel et al.	435	325	03/27/95
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	BA	6,545,049	04/08/03	Canan-Koch et al.	514	569	09/02/99

Examiner Signature	Date Considered
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	BB	6,593,493	07/15/03	Ardecky et al.	562	465	09/14/00
	BC	6,610,696	08/26/03	Brooks et al.	514	256	04/11/02
	BD	6,610,883	08/26/03	Brooks et al.	562	490	07/13/98
	BE	6,825,222	11/30/04	Brooks et al.	514	365	05/07/03

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	BF	0 139 417	07/26/89	EP				
	BG	0 569 237	11/10/93	EP				
	BH	02/00611	01/03/02	PCT				
	BI	02/094877	11/28/02	PCT				
	BJ	91/01384	02/07/91	PCT				
	BK	92/20642	11/26/92	PCT				
	BL	94/18959	09/01/94	PCT				
	BM	95/11974	05/04/95	PCT				
	BN	95/23225	08/31/95	PCT				
	BO	96/01430	01/18/96	PCT				
	BP	96/23884	08/08/96	PCT				
	BQ	96/29405	09/26/96	PCT				
	BR	97/10819	03/27/97	PCT				
	BS	98/05331	02/12/98	PCT				
	BT	98/21349	05/22/98	PCT				
	BU	98/43081	10/01/98	PCT				
	BV	99/05161	02/04/99	PCT				
	BW	99/51740	10/14/99	PCT				

**Other Documents (include Author, Title, Date, and Place of Publication)**

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O I P E  
JUN 20 2005  
U.S. PATENT & TRADEMARK OFFICE

Examiner Initial	Desig. ID	Document
	BX	Amri et al., "Regulation of adipose cell differentiation. I. Fatty acids are inducers of the aP2 gene expression," J. Lipid Research 32:1449-1456 (1991)
	BY	Amri et al., "Regulation of adipose cell differentiation. II. Kinetics of induction of the aP2 gene by fatty acids and modulation by dexamethasone," J. Lipid Res. 32: 1457-1463 (1991)
	BZ	Aperlo et al., "cDNA cloning and characterization of the transcriptional activities of the hamster peroxisome proliferators-activated receptor haPPAR $\gamma$ ," Gene 162: 297-302 (1995)
	CA	Aubert et al., "Evidence for a novel regulatory pathway activated by (carba)prostacyclin in preadipose and adipose cells," FEBS Letters 397: 117-121 (1996)
	CB	Auwerx et al., "Transcription, adipocyte differentiation, and obesity," J. Mol. Med. 74: 347-352 (1996)
	CC	Auwerx et al., "Transcriptional control of triglyceride metabolism: fibrates and fatty acids change the expression of the LP1 and apo C-III genes by activating the nuclear receptor PPAR," Atherosclerosis 124(Suppl.): S29-S37 (1996)
	CD	Belluzi et al., "Effect of an enteric-coated fish-oil preparation on relapses in crohn's disease," N. Engl. J. Med. 334: 1557-1560 (1996)
	CE	Berger et al., "Thiazolidinediones produce a conformational change in peroxisomal proliferators-activated receptor- $\gamma$ : binding and activation correlate with antidiabetic actions in db/db mice," Endocrinology 137: 4189-4195 (1996)
	CF	Brandes et al., "Adipocyte conversion of cultured 3T3-L1 preadipocytes by bezafibrate," Life Sciences 40: 935-941 (1987)
	CG	Brinster et al., "Factors affecting the efficiency of introducing foreign DNA into mice by microinjecting eggs," Proc. Nat. Acad. Sci. USA 82: 4438-4442 (1985)
	CH	Brun et al., "Differential activation of adipogenesis by multiple PPAR isoforms," Genes & Development 10: 974-984 (1996)
	CI	Bunin, B.A. and J.A. Ellman, "A general and expedient method for the solid-phase synthesis of 1,4 benzodiazepine derivatives," J. Am. Chem. Soc. 114:10997-10998 (1992)
	CJ	Capecchi, M.R., "High efficiency transformation by direct microinjection of DNA into cultured mammalian cells," Cell 22:479-488 (1980)
	CK	Capecchi, M.R., "Altering the genome by homologous recombination," Science 244: 1288-1292 (1989)
	CL	Cech, T.R., "Ribozymes and their medical implications," J. Am. Med. Assoc. 260:3030-3034 (1988)
	CM	Chawla, A. and M.A. Lazar, "Peroxisome proliferators and retinoid signaling pathways co-regulate preadipocyte phenotype and survival," Proc. Natl. Acad. Sci. U.S.A. 91: 1786-1790 (1994)
	CN	Chen C. and H. Okayama, "High-Efficiency Transformation of Mammalian Cells by Plasmid DNA," Mol. Cell Biol. 7:2745-2752 (1987)
	CO	Chen et al., "Identification of two mPPAR related receptors and evidence for the existence of five subfamily members," Biochemical and Biophysical Research Communications 196:671-677 (1993)
	CP	Christy et al., "Differentiation-induced gene expression in 3T3-L1 preadipocytes: CCAAT/enhancer binding protein interacts with and activates the promoters of two adipocyte-specific genes," Genes & Development 3: 1323-1335 (1989)
	CQ	Chu et al., "Electroporation for the efficient transfection of mammalian cells with DNA," Nucleic Acids Res. 15:1311-1326 (1987)
	CR	Cornelius et al., "Regulation of adipocyte development," Annu. Rev. Nutr. 14: 99-129 (1994)

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<b>Other Documents (include Author, Title, Date, and Place of Publication)</b>							
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	CS	Cristiano et al., "Hepatic gene therapy: adenovirus enhancement of receptor-mediated gene delivery and expression in primary hepatocytes," Proc. Natl. Acad. Sci. USA 90:2122-2126 (1993)					
	CT	Curiel et al., "Gene transfer to respiratory epithelial cells via the receptor-mediated endocytosis pathway," Am. J. Respir. Cell. Mol. Biol. 6:247-252 (1992)					
	CU	Davidson et al., "A model system for in vivo gene transfer into the central nervous system using an adenoviral vector," Nature Genetics 3:219-223 (1993)					
	CV	De Vos et al., "Thiazolidinediones repress <i>ob</i> gene expression in rodents via activation of peroxisome proliferator-activated receptor $\gamma$ ," J. Clin. Invest. 98(4):1004-1009 (1996)					
	CW	De Vos et al., "Induction of <i>ob</i> gene expression by corticosteroids is accompanied by body weight loss and reduced food intake," J Biol Chem. 270(27):15958-15961 (1995)					
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	CY	Desreumaux et al., "Attenuation of colon inflammation through activators of the retinoid X receptor (RXR)/peroxisome proliferator-activated receptor $\gamma$ (PPAR $\gamma$ ) heterodimer: A basis for new therapeutic strategies," J Exp Med. 193(7):827-38 (2001)					
	CZ	Desvergne, B. and W. Wahli, "PPAR: a key nuclear factor in nutrient/gene interactions," Chapter 5 in <i>Inducible Gene Expressio, Volume 1: Environmental Stresses and Nutrients</i> , P.A. Baeuerle (Ed.) Boston: Birkhäuser. 1: 142-176 (1995)					
	DA	Devchand et al., "The PPAR $\alpha$ -leukotriene B <sub>4</sub> pathway to inflammation control," Nature 384: 39-43 (1996)					
	DB	Dreyer et al., "Control of the perxisomal $\beta$ -oxidation pathway by a novel family of nuclear hormone receptors," Cell 68: 879-887 (1992)					
	DC	Elbrecht et al., "Molecular cloning, expression and characterization of human peroxisome proliferators activated receptors $\gamma$ 1 and $\gamma$ 2," Biochem. Biophys. Res. Commun. 224: 431-437 (1996)					
	DD	Fajas et al., "The organization, promoter analysis, and expression of the human PPAR $\gamma$ gene," J. Biol. Chem. 272:18779-18789 (1997)					
	DE	Fajas et al., "Regulation of peroxisome proliferator-activated receptor $\gamma$ expression by adipocyte differentiation and determination factor 1/sterol regulatory element binding protein 1: Implications for adipocyte differentiation and metabolism," Mol Cell Biol. 19(8):5495-5503 (1999)					
	DF	Felgner, P.L. and G.M. Ringold, "Cationic liposome-mediated transfection," Nature 337:387-388 (1989)					
	DG	Felgner et al., "Lipofection: A highly efficient, lipid-mediated DNA-transfection procedure," Proc. Natl. Acad. Sci. USA. 84:7413-7417 (1987)					
	DH	Ferrari et al., "An in vivo model of somatic cell gene therapy for human severe combined immunodeficiency," Science 251:1363-1366 (1991)					
	DI	Fingl, E. and D.M. Woodbury, "General Principles," Chapter 1 in <i>The Pharmacological Basis of Therapeutics</i> , Goodman et al. (Eds.) New York: Macmillan Publishing Co., pp. 1-46 (1975)					
	DJ	Flier, J. S., "The adipocyte: storage depot or node on the energy information superfamily," Cell 80: 15-18 (1995)					
	DK	Forman et al., "15-Deoxy- $\Delta^{12,14}$ -Prostaglandin J <sub>2</sub> is a ligand for the adipocyte determination factor PPAR $\gamma$ ," Cell 83: 803-812 (1995)					
	DL	Freytag, S. and T.J. Geddes, "Reciprocal regulation of adipogenesis by Myc and C/EBP $\alpha$ ," Science 256: 379-382 (1992)					
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**Other Documents (include Author, Title, Date, and Place of Publication)**

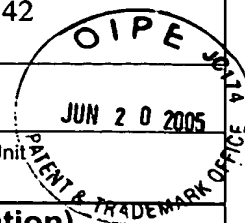
Examiner Initial	Desig. ID	Document
	DM	Freytag et al., "Ectopic expression of the CCAAT/enhancer-binding protein $\alpha$ promotes the adipogenic program in a variety of mouse fibroblastic cells," Genes & Development 8: 1654-1663 (1994)
	DN	Fried, M.G. and D.M. Crothers, "CAP and RNA polymerase interactions with the <i>lac</i> promoter: binding stoichiometry and long range effects," Nucl. Acids Res. 11:141-158 (1983)
	DO	Gaillard et al., "Requirement and role of arachidonic acid in the differentiation of pre-adipose cells," Biochem. J. 257: 389-397 (1989)
	DP	Gearing et al., "Structure of the mouse peroxisome proliferators activated receptor $\alpha$ gene," 199(1): 255-263 (1994)
	DQ	Gharbi-Chibi et al., "Increase of adipose differentiation by hypolipidemic fibrate drugs in Ob 17 preadipocytes: requirements for thyroid hormones," Biochem. Biophys. Acta 1177: 8-14 (1993)
	DR	Giovanucci, E. and W.C. Willet, "Dietary factors and risk of colon cancer," Ann. Med. 26: 443-452 (1994)
	DS	Goring et al., "In Situ detection of $\beta$ -galactosidase in lenses of transgenic mice with a $\gamma$ -Crystallin/ <i>lacZ</i> gene," Science 235:456-458 (1987)
	DT	Göttlicher et al., "Fatty acids activate a chimera of the clofibrilic acid-activated receptor and the glucocorticoid receptor," Proc. Natl. Acad. Sci. USA. 89:4653-4657 (1992)
	DU	Green, S., "PPAR: a mediator of peroxisome proliferator action," Mutation Research 333: 101-109 (1995)
	DV	Greene et al., "Isolation of the human peroxisome proliferators activated receptor gamma cDNA: expression in hematopoietic cells and chromosomal mapping," Gene Expression 4: 281-299 (1995)
	DW	Hallakou et al., "Pioglitazone induces in vivo adipocyte differentiation in the obese Zucker <i>fafa</i> rat. Diabetes 46(9):1393-1399 (1997)
	DX	Hambor et al., "Functional consequences of anti-sense RNA-mediated inhibition of CD8 surface expression in a human T cell clone," J. Exp. Med. 168:1237-1245 (1988)
	DY	Hammer et al., "Spontaneous inflammatory disease in transgenic rats expressing HLA-B27 and human $\beta_2m$ : An animal model of HLA-B27-associated human disorders," Cell 63:1099-1112 (1990)
	DZ	Hertz et al., "Thyromimetic mode of action of peroxisome proliferators: activation of malic' enzyme gene transcription," Biochem. J. 319: 241-248 (1996)
	EA	Ho et al., "Site-directed mutagenesis by overlap extension using the polymerase chain reaction," Gene 77:51-59 (1989)
	EB	Houdebine, L.M. and D. Chourrout, "Transgenesis in fish," Experientia 47: 891-897 (1991)
	EC	Hu et al., "Transdifferentiation of myoblasts by the adipogenic transcription factors PPAR $\gamma$ and C/EBP $\alpha$ ," Proc. Natl. Acad. Sci. U.S.A. 92: 9856-9860 (1995)
	ED	Hulin et al., "The glitazone family of antidiabetic agents," Current Pharmaceutical Design 2: 85-102 (1996)
	EE	Isseman, I. and S. Green, "Activation of a member of the steroid hormone receptor superfamily by peroxisome proliferators," Nature 347:645-650 (1990)
	EF	Joyner et al., "Production of a mutation in mouse <i>En-2</i> gene by homologous recombination in embryonic stem cells," Nature 338:153-156 (1989)
	EG	Kim, J. B., and B.M. Spiegelman, "ADD1/SREBP1 promotes adipocyte differentiation and gene expression linked to fatty acid metabolism," Genes & Development 10: 1096-1107 (1996)

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	EH	Kliwer et al., "Differential expression and activation of a family of murine peroxisome proliferators-activated receptors," Proc. Natl. Acad. Sci. USA 91: 7355-7359 (1994)			
	EI	Kliwer et al., "A prostaglandin J <sub>2</sub> metabolite binds peroxisome proliferators-activated receptor $\gamma$ and promotes adipocyte differentiation," Cell 83: 813-819 (1995)			
	EJ	Le Gal La Salle et al., Science 259:988			
	EK	Lambe, K.G. and J.D. Tugwood, "A human peroxisome-proliferator-activated receptor- $\gamma$ is activated by inducers of adipogenesis, including thiazolidinedione drugs," Eur. J. Biochem. 239: 1-7 (1996)			
	EL	Lefebvre et al., "Regulation of lipoprotein metabolism by thiazolidinediones occurs through a distinct but complementary mechanism relative to fibrates," Arterioscler. Thromb. Vasc. Biol. 17(9):1756-1764 (1997)			
	EM	Le Gal La Salle et al., "An adenovirus vector for gene transfer into neurons and glia in the brain," Science 259: 988-990 (1993)			
	EN	Lehmann et al., "An antidiabetic thiazolidinedione is a high affinity ligand for Peroxisome Proliferator-Activated Receptor $\gamma$ (PPAR $\gamma$ )," J. Biol. Chem. 270: 12953-12956 (1995)			
	EO	Leid et al., "Purification, cloning, and RXR identity of the HeLa cell factor with which RAR or TR heterodimerizes to bind target sequences efficiently," Cell 68: 377-395 (1992)			
	EP	Lemberger et al., "Expression of the peroxisome proliferators-activated receptor $\alpha$ gene is stimulated by stress and follows a diurnal rhythm," J. Biol. Chem. 271:1764-1769 (1995)			
	EQ	Lin F. and M.D. Lane, "Antisense CCAAT/enhancer-binding protein RNA suppresses coordinate gene expression and triglyceride accumulation during differentiation of 3T3-L1 preadipocytes," Genes & Development 6:533-544 (1992)			
	ER	Mansén et al., "Expression of the peroxisome proliferators-activated receptor (PPAR) in the mouse colonic mucosa," Biochem. Biophys. Res. Commun. 222: 844-851 (1996)			
	ES	Marcus-Sekura, C.J., "Techniques for using antisense oligodeoxyribonucleotides to study gene expression," Anal. Biochem. 172:289-295 (1988)			
	ET	Miard et al., "Atypical transcriptional regulators and cofactors of PPAR $\gamma$ ," Int. J. Obes. Relat. Metab. Disord. 29(Suppl 1):S10-S12 (2005)			
	EU	Miller et al., "The adipocyte specific transcription factor C/EBP $\alpha$ modulates human <i>ob</i> gene expression," Proc. Natl. Acad. Sci. U S A. 93(11):5507-5511 (1996)			
	EV	Miller et al., "Human gene therapy comes of age," Nature 357:455-460 (1992)			
	EW	Moller, D. E., and J.S. Flier, "Insulin resistance-mechanisms, syndromes, and implications," New England Journal of Medicine 325: 938-948 (1991)			
	EX	Mukherjee et al., "Identification, characterization, and tissue distribution of human Peroxisome Proliferator-Activated Receptor (PPAR) isoforms PPAR $\gamma$ 2 versus PPAR $\gamma$ 1 and activation with Retinoid X Receptor Agonists and Antagonists," J. Biol. Chem. 272: 8071-8076 (1997)			
	EY	Mukherjee et al., "Human and rat peroxisome proliferators activated receptors (PPARs) demonstrate similar tissue distribution to PPAR activators," J. Steroid Biochem. 51(3/4): 157-166 (1994)			
	EZ	Mulligan, R.C., "The basic science of gene therapy," Science 260:926-931 (1993).			
	FA	Nagy et al., "Oxidized LDL regulates macrophage gene expression through ligand activation of PPAR $\gamma$ ," Cell 93(2):229-240 (1988)			

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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 18202-033US1/1051US	Application No. 09/463,542
List of Patents and Publications for Applicant's Information Disclosure Statement  (37 CFR §1.98(b))		Applicant Johan Auwerx et al.	
		Filing Date December 11, 2002	Group Art Unit 1636



**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	FB	Négrel et al., "Prostacyclin as a potent effector of adipose-cell differentiation," Biochem. J. 257: 399-405 (1989)
	FC	Osborne et al., "5' end of HMG CoA reductase gene contains sequences responsible for cholesterol-mediated inhibition of transcription," Cell 42:203- 212 (1985)
	FD	Osumi et al., "Two <i>cis</i> -acting regulatory sequences in the peroxisome proliferators-reponsive enhancer region of rat acyl-CoA oxidase gene," Biophys. Res. Commun. 175:866-871 (1991)
	FE	Oxender et al., "Attenuation in the Escherichia coli tryptophan operon: Role of RNA secondary structure involving the tryptophan codon region," Proc. Natl. Acad. Sci. USA 76:5524-5528 (1979)
	FF	Price et al., "Lineage analysis in the vertebrate nervous system by retrovirus-mediated gene transfer," Proc. Natl. Acad. Sci. USA 84:156-160 (1987)
	FG	Pursel et al., "Genetic engineering of livestock," Science 244:1281-1288 (1989)
	FH	Quantin et al., "Adenovirus as an expression vector in muscle cells <i>in vivo</i> ," Proc. Natl. Acad. Sci. USA 89:2581-2584 (1992)
	FI	Quon et al., "Transfection of DNA into isolated rat adipose cells by electroporation," Biochem. Biophys. Res. Comm. 194: 338-346 (1993)
	FJ	Ren et al., "Peroxisome proliferators-activated receptor $\alpha$ inhibits hepatic S14 gene transcription," J. Biol.Chem.271:17167-17173 (1996)
	FK	Ricote et al., "Expression of the peroxisome proliferators-activated receptor $\gamma$ (PPAR $\gamma$ ) in human atherosclerosis and regulation in macrophages by colony stimulating factors and oxidized low density lipoprotein," Proc Natl Acad Sci USA 95(13): 7614-7619 (1998)
	FL	Sakai et al., "Sterol-regulated release of SREBP-2 from cell membranes requires two sequential cleavages, one within a transmembrane segment," Cell 85: 1037-1046 (1996)
	FM	Saladin et al., "Differential regulation of peroxisome proliferator activated receptor $\gamma$ 1 (PPAR $\gamma$ 1) and PPAR $\gamma$ 2 messenger RNA expression in the early stages of adipogenesis," Cell Growth Differ. 10(1):43-48 (1999)
	FN	Saladin et al., "Regulation of <i>ob</i> gene expression in rodents and human," Horm. Metab. Res. 28(12): 638-641 (1996)
	FO	Saladin et al., "Transient increase in <i>obese</i> gene expression after food intake or insulin administration," Nature 377: 527-529 (1995)
	FP	Saltiel, A. R. and J.M. Olefsky, "Thiazolidinediones in the treatment of insulin resistance and type II diabetes," Diabetes 45: 1661-1669 (1996)
	FQ	Schmidt et al., "Identification of a new member of the steroid hormone receptor superfamily that is activated by a peroxisome proliferators and fatty acids," Mol. Endocrinol. 6:1634-1641 (1992)
	FR	Schoonjans et al., "Induction of LPL gene expression by sterols is mediated by a sterol regulatory element and is independent of the presence of multiple E boxes," J Mol Biol. 304(3):323-34 (2000)
	FS	Schoonjans et al., "Role of the peroxisome proliferators-activated receptor (PPAR) in mediating the effects of fibrates and fatty acids on gene expression," J. Lipid Res. 37: 907-925 (1996)
	FT	Schoonjans et al., "PPAR $\alpha$ and PPAR $\gamma$ activators direct a distinct tissue-specific transcriptional response via a PPRE in the lipoprotein lipase gene," The EMBO Journal 15: 5336-5348 (1996)
	FU	Schoonjans et al., "Acyl-CoA synthetase mRNA expression is controlled byfibric-acid derivatives, feeding and liver proliferation," Eur. J. Biochem. 216: 615-622 (1993)

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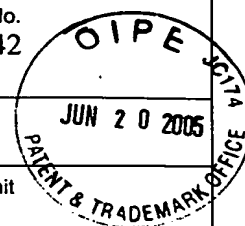


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	FV	Schoonjans et al., "Induction of the acyl-coenzyme A synthetase gene by fibrates and fatty acids is mediated by a peroxisome proliferators response element in the C promoter," J. Biol. Chem. 270: 19269-19276 (1995)
	FW	Schoonjans et al., "The peroxisome proliferator activated receptors (PPARs) and their effects on lipid metabolism and adipocyte differentiation," Biochem. Biophys. Acta. 1302: 93-109 (1996)
	FX	Sher et al., "cDNA cloning, chromosomal mapping, and functional characterization of the human peroxisome proliferators activated receptor," Biochemistry 32:5598-5604 (1993)
	FY	Shimomura et al., "Cholesterol feeding reduces nuclear forms of sterol regulatory element binding proteins in hamster liver," Proc. Natl. Acad. Sci. USA 94:12345-12359 (1997)
	FZ	Shuman, R.M., "Production of transgenic birds," Experientia 47: 897-905 (1991)
	GA	Simons et al., "Gene transfer into sheep," Bio/Technology 6:179-183 (1988)
	GB	Smith et al., "Multiple Sterol Regulatory Elements in Promoter for Hamster 3-Hydroxy-3-methylglutaryl-conenzyme A synthase," J. Biol. Chem. 263:18480-18487 (1988)
	GC	Spiegelman, B.M. and J.S. Flier, "Adipogenesis and obesity rounding out the big picture," Cell 87: 377-389 (1996)
	GD	Stenson et al., "Dietary Supplementation with fish oil in ulcerative colitis," Annals of Internal Medicine 116:609-614 (1992)
	GE	Stratford Perricaudet et al., "Widespread long-term gene transfer to mouse skeletal muscles and heart," J. Clin. Invest. 90:626-630 (1992)
	GF	Tontonoz et al., "PPAR $\gamma$ Promotes Monocyte/Macrophage Differentiation and Uptake of Oxidized LDL," Cell 93(2):241-252 (1988)
	GG	Tontonoz et al., "Stimulation of Adipogenesis in Fibroblasts by PPAR $\gamma$ 2, a Lipid-Activated Transcription Factor," Cell 79: 1147-1156 (1994)
	GH	Tontonoz et al., "PPAR $\gamma$ 2 regulates adipose expression of the phosphoenolpyruvate carboxykinase gene," Mol. Cell. Biol. 15: 351-357 (1995)
	GI	Tontonoz et al., "mPPAR $\gamma$ 2: tissue-specific regulator of an adipocyte enhancer," Genes & Development. 8(10): 1224-1234 (1994)
	GJ	Tontonoz et al., "ADD1: a Novel Helix-Loop-Helix Transcription Factor Associated with Adipocyte Determination and Differentiation," Mol. Cell. Biol. 13: 4753-4759 (1993)
	GK	Tugwood et al., "The mouse peroxisome proliferators activated receptor recognizes a response element in the 5' flanking sequence of the rat acyl CoA oxidase gene," EMBO J. 11: 433-439 (1992)
	GL	Vidal et al., "The expression of ob gene is not acutely regulated by insulin and fasting in human abdominal subcutaneous adipose tissue," J. Clin. Invest. 98: 251-255 (1996)
	GM	Vu-Dac et al., "Fibrates increases human apolipoprotein A-II expression through activation of the peroxisome proliferators-activated receptor," J. Clin. Invest. 96: 741-750 (1995)
	GN	Wang et al., "SREBP-1, a membrane-bound transcription factor released by sterol-regulated proteolysis," Cell 77:53-62 (1994)
	GO	Willson et al., "The Structure-Activity Relationship between peroxisome proliferators-activated receptor $\gamma$ agonism and the antihyperglycemic activity of thiazolidinediones," J. Med. Chem. 39: 665-668 (1996)
	GP	Wu et al., "Receptor-mediated gene delivery <i>in vivo</i> , partial correction of genetic analbuminemia in nagase rats" Journal of Biological Chemistry 266:14338-14342 (1991)

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	GQ	Wu et al., "Induction of peroxisome proliferator-activated receptor $\gamma$ during the conversion of 3T3 fibroblasts into adipocytes is mediated by C/EBP $\beta$ , C/EBP $\delta$ , and glucocorticoids," Mol. Cell. Biol. 16(8): 4128-4136 (1996)			
	GR	Wu et al., "Conditional ectopic expression of C/EBP $\beta$ in NIH-3T3 cells induces PPAR $\gamma$ and stimulates adipogenesis," Genes & Development 9: 2350-2363 (1995)			
	GS	Xue et al., "Distinct Stages in Adipogenesis Revealed by Retinoid Inhibition of Differentiation after Induction of PPAR $\gamma$ ," Mol. Cell. Biol. 16: 1567-1575 (1996)			
	GT	Yang et al., " <i>In vivo</i> and <i>in vitro</i> gene transfer to mammalian somatic cells by particle bombardment," Proc. Natl. Acad. Sci. U.S.A. 87:9568-9572 (1990)			
	GU	Yanofsky, C., "Attenuation in the control of expression of bacterial operons," Nature 289:751-758 (1981).			
	GV	Yeh et al., "Cascade regulation of terminal adipocyte differentiation by three members of the C/EBP family of leucine zipper proteins," Genes & Development 9: 168-181 (1995)			
	GW	Yokoyama et al., "SREBP-1, a Basic-Helix-Loop-Helix-Leucine Zipper Protein that Controls Transcription of the Low Density Lipoprotein Receptor Gene," Cell 75:187-197 (1993)			
	GX	Zhu et al., "Structural organization of mouse peroxisome proliferators-activated receptor $\gamma$ (mPPAR $\gamma$ ) gene: Alternative promoter use and different splicing yield two mPPAR $\gamma$ isoforms," Proc. Natl. Acad. Sci. U.S.A. 92: 7921-7925 (1995)			



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